EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	29	(((hologra$ or bragg or diffract$ or phase or fiber) near3 grating) and (refract$ near3 ind$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 17:52
L11	35	((grating near5 (refract$ near3 ind$4)) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 17:53
S1	232	(359/2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S2	903	(359/566).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S3	676	(359/569).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S4	325	(359/558).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S5	278	(359/571).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S6	330	(359/572).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S7	658	(356/72).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06

S8	1888	(356/73.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR ,	OFF	2004/09/26 19:07
S9	1385	(385/12).CCLS.	US-PGPUB; .USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S10	820	(385/128).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S11	2621	(385/37).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S12	72	(250/559.04).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S13	55	(250/559.11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S14	680	(250/559.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S15	629	(250/227.14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S16	152	(250/227.29).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08

S17	669	(250/566).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S18	329	(250/568).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S19	203	(235/473).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S20	5177	(435/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S21	922	(435/288.7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S22	710	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 11:35
S23	575	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 11:35
S24	2	("5,089,387").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:53

S25	17759	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 10:48
S26	298	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:37
S27	29	("4539507." | "4833092" | "5034613" | "5136572" | "5141671" | "5214409" | "5252962" | "5257011" | "5266926" | "5351052" | "5405709" | "5409783" | "5434878" | "5438878" | "5448582" | "5503805" | "5558904" | "5565324" | "5604097" | "5641634" | "5751629" | "5770358" | "5770455" | "5840485" | "5874214" | "5903340" | "5981180" | "6043023" | "6096494").PN.	USPAT	OR	ON	2004/09/27 11:23
S28	26495	(435/6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/27 11:34
S29	168	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:58
S30	76	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:03
S31	154	((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:12

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S32	0	WO-02061429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:12
S33	0	WO-0261429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:12
S34	0	WO-2002061429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:12
S35	1	WO-200261429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:17
S36	2	("20020127565").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/27 12:18
S37	19	("4539507" | "4833092" | "5034613" | "5136572" | "5141671" | "5214409" | "5252962" | "5257011" | "5266926" | "5351052" | "5405709" | "5409783" | "5438878" | "5448582" | "5558904" | "5565324" | "5641634" | "5751629" | "5770455").PN.	USPAT	OR	ON	2004/09/27 13:28
S38	85	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 14:28
S39	9	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 13:34
S40	6	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 14:02
S41	77	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 14:02

S42	333	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (bragg near3 (grating or mirror or reflect$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 17:04
S43	234	((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (bragg near3 (grating or mirror or reflect$))) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 14:29
S44	241	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating with (refract$ near3 ind$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 17:31
S45	66	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating with (refract$ near3 ind$4) with (vary$3 or varia$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 17:07
S46	150	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating near3 refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 17:49
S47	2	((fiber or bragg or phase) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 17:52
S48	32	grating with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:13
S49	539	grating with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:14
S50	61	((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:22
S51	343	(((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:23

S52	2	((((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$) and (refract$ near3 ind$4) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:23
S53	2	((((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:23
S54	2	(((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and assay$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:24
S55	5	(((bragg or phase or fiber or hologra$) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and assay$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:25
S56	9	(((bragg or phase or fiber or hologra$) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$)) and assay$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:29
S57	93	((bragg or phase or fiber or hologra$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 09:03
S58	37374	((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 12:27
S59	4343	(((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:10
S60	344	((((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
S61	22407	((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:10

S62	2786	(((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
S63	249	((((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:12
S64	167547	(index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:22
S65	6664	((index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:22
S66	140	(((index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract$ near3 ind$4) and (assay or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:40
S67	1	("re37473").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 11:41
S68	1	("re37891").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 11:41
S69	1	("re33581").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 11:42
S70	76	(("3968476") or ("4011435") or ("4023010") or ("4053228") or ("4131337") or ("4386274") or ("4445229") or ("4560881") or ("4562157") or ("4647544") or ("4678752") or ("4685480") or ("4740688") or ("4767719") or ("4816659") or ("4841140") or ("4877747") or ("4880752") or ("4882288") or ("4921805") or ("4931384") or ("4958376") or ("4992385") or ("5003600") or ("5033826") or ("5067155") or ("5081012") or ("5089387") or ("5095194") or ("5100238") or ("5115121") or ("5118608") or ("5138468") or ("5141848") or ("5144461") or ("5166813")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 11:59

S71	97	(("5196350") or ("5200794") or ("5291006") or ("5291027") or ("5300764") or ("5310686") or ("5349442") or ("5352582") or ("5364797") or ("5374816") or ("5374818") or ("5394234") or ("5442433") or ("5448659") or ("5461528") or ("5461475") or ("5465176") or ("5468649") or ("5506674") or ("5514785") or ("5528045") or ("5547849") or ("5585639") or ("5607188") or ("5621515") or ("5627040") or ("5627663") or ("5633724") or ("5663790") or ("5667976") or ("5721912") or ("5721435") or ("5729365") or ("5736330") or ("5742432") or ("5759778") or ("5760961") or ("5766956") or ("5793502") or ("5798273") or ("5799231") or ("5801857") or ("5804384") or ("5822472") or ("5824478") or ("5824557") or ("5831698") or ("5837475") or ("5841555")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:18
S72	4	(("5451528") or ("5712912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:19
S73	96	(("5846737") or ("5874187") or ("5895750") or ("5922550") or ("5925562") or ("5925878") or ("5945679") or ("5986838") or ("5989923") or ("5998796") or ("6001510") or ("6017754") or ("6025129") or ("6025283") or ("6036807") or ("6043880") or ("6046925") or ("6049727") or ("6057107") or ("6060256") or ("6067167") or ("6067392") or ("6078048") or ("6087186") or ("6096496") or ("6097485") or ("6103535") or ("6118127") or ("6160240") or ("6160656") or ("6164548") or ("6165592") or ("6165648") or ("6194563") or ("6218194") or ("6221579") or ("6229635") or ("6259450") or ("6268128") or ("6284459") or ("6292282") or ("6292319") or ("6301047") or ("6304263") or ("6306587") or ("6309601") or ("6312961") or ("6313771") or ("6314220") or ("6319668")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:22
S74	72	(("6322932") or ("6329963") or ("6331273") or ("6352854") or ("6355198") or ("6371370") or ("6372428") or ("6399295") or ("6406841") or ("6406848") or ("6416714") or ("6417010") or ("6428707") or ("6428957") or ("6433849") or ("6436651") or ("6489606") or ("6496287") or ("6506342") or ("6515753") or ("6522406") or ("6524793") or ("6533183") or ("6560017") or ("6565770") or ("6592036") or ("6594421") or ("6609728") or ("6613581") or ("6618342") or ("6622916") or ("6628439") or ("6632655") or ("6635470") or ("6678429") or ("6689316") or ("6692912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:48
S75	12	(("20020090650") or ("20030129654") or ("20020022273") or ("20030138208") or ("20030032203") or ("20030021003")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:52
S76	4	(("5671308") or ("6340588")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:52
S77	4262	(436/518).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:59

S78	742	(436/524).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:58
S79	524	(436/525).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:58
S80	627	(436/526).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:58
S81	786	(436/527).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:58
S82	940	(436/528).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:59
S83	1346	(436/531).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:59
S84	6123	((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 12:59
S85	144	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 13:00
S86	226	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 13:49

S87	442	(modulat$ with refract$ with ind$4 with grating) and (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 13:51
S88	34	(modulat$ with refract$ with ind$4 with grating) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/29 09:49
S89	2	WO-9636436-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/29 09:58
S90	120	(LED or (light near3 emi$5 near3 diode)) same bragg same (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/29 09:59

| S91 | 175 | (US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$). did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$). did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or US-20030207255-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030104390-$ or US-20030059855-$ or US-20030032039-$ or US-20030027328-$ or US-20030027327-$ or US-20030017581-$ or US-20020028451-$ or US-20010004526-$ or US-20030049620-$ or US-20020155507-$ or US-20040151626-$ or US-20040132214-$ or US-20040132205-$ or US-20030092075-$ or US-20030026891-$ or US-20030017580-$ or US-20020192680-$ or US-20020168295-$ or US-20020025534-$ or US-20040145752-$ or US-20030068657-$ or US-20030124599-$).did. or (US-20040175843-$ or US-20040175842-$ or US-20030129654-$ or US-20030077660-$ or US-20030162296-$ or US-20030142713-$ or US-20030142704-$ or US-20040053295-$ or US-20040046128-$ or US-20030207328-$ or US-20030157731-$ or US-20030148542-$ or US-20030132406-$ or US-20030082587-$ or US-20020104762-$ or US-20020090613-$ or US-20040063146-$ or US-20030207256-$ or US-20020034457-$ or US-20020022273-$ or US-20010031503-$).did. or (WO-9636436-$).did. or (US-20020127565-$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/09/29 12:14 |

| S92 | 18 | ((US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$). did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$). did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$). did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$). did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$). did. or (US-20030207257-$ or US-20030207255-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030104390-$ or US-20030059855-$ or US-20030032039-$ or US-20030027328-$ or US-20030027327-$ or US-20030017581-$ or US-20020028451-$ or US-20010004526-$ or US-20030049620-$ or US-20020155507-$ or US-20040151626-$ or US-20040132214-$ or US-20040132205-$ or US-20030092075-$ or US-20030026891-$ or US-20030017580-$ or US-20020192680-$ or US-20020168295-$ or US-20020025534-$ or US-20040145752-$ or US-20030068657-$ or US-20030124599-$). did. or (US-20040175843-$ or US-20040175842-$ or US-20030129654-$ or US-20030077660-$ or US-20030162296-$ or US-20030142713-$ or US-20030142704-$ or US-20040053295-$ or US-20040046128-$ or US-20030207328-$ or US-20030157731-$ or US-20030148542-$ or US-20030132406-$ or US-20030082587-$ or US-20020104762-$ or US-20020090613-$ or US-20040063146-$ or US-20030207256-$ or US-20020034457-$ or US-20020022273-$ or US-20010031503-$). did. or (WO-9636436-$). did. or (US-20020127565-$). did.) and (magnet$ same (orient$ or align$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2004/09/29 12:15 |

| S93 | 60 | ((US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$). did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$). did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or US-20030207255-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030104390-$ or US-20030059855-$ or US-20030032039-$ or US-20030027328-$ or US-20030027327-$ or US-20030017581-$ or US-20020028451-$ or US-20010004526-$ or US-20030049620-$ or US-20020155507-$ or US-20040151626-$ or US-20040132214-$ or US-20040132205-$ or US-20030092075-$ or US-20030026891-$ or US-20030017580-$ or US-20020192680-$ or US-20020168295-$ or US-20020025534-$ or US-20040145752-$ or US-20030068657-$ or US-20030124599-$).did. or (US-20040175843-$ or US-20040175842-$ or US-20030129654-$ or US-20030077660-$ or US-20030162296-$ or US-20030142713-$ or US-20030142704-$ or US-20040053295-$ or US-20040046128-$ or US-20030207328-$ or US-20030157731-$ or US-20030148542-$ or US-20030132406-$ or US-20030082587-$ or US-20020104762-$ or US-20020090613-$ or US-20040063146-$ or US-20030207256-$ or US-20020034457-$ or US-20020022273-$ or US-20010031503-$).did. or (WO-9636436-$).did. or (US-20020127565-$).did.) and (low$5 with refract$ with ind$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/29 12:54 |

| S94 | 29 | ((US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$).did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$).did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or US-20030207255-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030104390-$ or US-20030059855-$ or US-20030032039-$ or US-20030027328-$ or US-20030027327-$ or US-20030017581-$ or US-20020028451-$ or US-20010004526-$ or US-20030049620-$ or US-20020155507-$ or US-20040151626-$ or US-20040132214-$ or US-20040132205-$ or US-20030092075-$ or US-20030026891-$ or US-20030017580-$ or US-20020192680-$ or US-20020168295-$ or US-20020025534-$ or US-20040145752-$ or US-20030068657-$ or US-20030124599-$).did. or (US-20040175843-$ or US-20040175842-$ or US-20030129654-$ or US-20030077660-$ or US-20030162296-$ or US-20030142713-$ or US-20030142704-$ or US-20040053295-$ or US-20040046128-$ or US-20030207328-$ or US-20030157731-$ or US-20030148542-$ or US-20030132406-$ or US-20030082587-$ or US-20020104762-$ or US-20020090613-$ or US-20040063146-$ or US-20030207256-$ or US-20020034457-$ or US-20020022273-$ or US-20010031503-$).did. or (WO-9636436-$).did. or (US-20020127565-$).did.) and (low$5 with refract$ with ind$4 with grating) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/29 12:56 |
| S101 | 2 | ("4537504").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/06 13:00 |

EAST Search History

S102	646	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:13
S103	337	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:14
S104	193	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:14
S105	84	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:14
S106	174	((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:14
S107	97	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:14
S108	11	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:14

S109	8	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:15
S110	89	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:15
S111	150	(((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:15
S112	246	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:16
S113	37	(("20020039732") or ("20030077038") or ("3891302") or ("3916182") or ("4725110") or ("4807950") or ("5367588") or ("5388173") or ("5559613") or ("5633975") or ("6156501") or ("6159748") or ("6174648") or ("6355432") or ("6403320") or ("6416952") or ("6440667") or ("6544739") or ("6576424") or ("6646243")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 14:27
S114	93	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:11
S115	113	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:11
S116	13	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:12
S117	214	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:12

S118	201	((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/24 16:12
S119	9	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/24 16:12
S120	374	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/24 16:12
S121	108	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/24 16:12
S122	734	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/24 16:12
S123	168	(((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/24 16:13
S124	279	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/24 16:13
S125	26230	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.) or ((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/24 17:50

EAST Search History

S126	187	S125 and ((hologra$ or bragg or diffract$ or phase or fiber) near3 grating) and (refract$ near3 ind$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:46
S127	358	S125 and (((hologra$ or bragg or diffract$ or phase or fiber) near3 grating) same (refract$ near3 ind$4)) and (substrate or base) and (tag$4 or label$4 or cod$3 or encod$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:10
S128	18	(((hologra$ or bragg or diffract$ or phase or fiber) near3 grating) and (refract$ near3 ind$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 18:47
S129	103	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 12:44
S130	14	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 12:44
S131	9	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 12:44
S132	126	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 12:44
S133	220	((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 12:44
S134	124	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 12:44

S135	177	(((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 12:44
S136	231	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 12:44
S137	293	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 12:44
S138	399	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 12:45
S139	791	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 13:53
S140	27016	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.) or ((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 12:45
S141	204	S140 and ((hologra$ or bragg or diffract$ or phase or fiber) near3 grating) and (refract$ near3 ind$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 12:45

S142	389	S140 and (((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) same (refract\$ near3 ind\$4)) and (substrate or base) and (tag\$4 or label\$4 or cod\$3 or encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 13:24
S143	23	(((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and (refract\$ near3 ind\$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 14:08
S145	1307	(((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and (refract\$ near3 ind\$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 14:08
S146	63	(((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and ((refract\$ near3 ind\$4) with (embed\$5 or encapsulat\$ or bury\$4 or buried)) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 14:21
S147	153	(((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and ((refract\$ near3 ind\$4) with (embed\$5 or encapsulat\$ or bury\$4 or buried)) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 14:55
S148	43	(grating same ((refract\$ near3 ind\$4) with (embed\$5 or encapsulat\$ or bury\$4 or buried))) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (cod\$4 or identif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 14:59
S149	52	(grating same ((refract\$ near3 ind\$4) with (embed\$5 or encapsulat\$ or bury\$4 or buried))) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 15:02
S150	264	(grating near5 (refract\$ near3 ind\$4)) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (embed\$5 or encapsulat\$ or bury\$4 or buried)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 17:51
S151	25	((grating near5 (refract\$ near3 ind\$4)) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/25 17:52
S152	17	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:31

S153	11	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:32
S154	163	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:32
S155	157	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:35
S156	221	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:35
S157	275	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:35
S158	348	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:35
S159	480	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:36
S160	947	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:36

S161	29448	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.) or ((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:36
S162	265	S161 and ((hologra$ or bragg or diffract$ or phase or fiber) near3 grating) and (refract$ near3 ind$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:36
S163	486	S161 and (((hologra$ or bragg or diffract$ or phase or fiber) near3 grating) same (refract$ near3 ind$4)) and (substrate or base) and (tag$4 or label$4 or cod$3 or encod$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:36